

### IN THE CLAIMS

Please amend Claims 1 – 4 as follows:

1. (Original) An object with a predictor to predict at least a part of a pre-determined itinerary of at least one data packet in a distributed data network.
2. (Original) The object of claim 1, comprising logic circuitry.
3. (Original) A method of determining authenticity of an object, the method comprising receiving from the object a prediction of at least a part of a pre-determined itinerary of at least one data packet in a distributed data network; and verifying the prediction.
4. (Original) The method of claim 3, wherein the data packet comprises an instruction as to its next destination in the network.